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| TRANSMITTAL FORM (To be used for all correspondence after initial filing) | Application Number | 10/763,626 |
| | Filing Date | January 23, 2004 |
| | First Named Inventor | Gianfranco Cerofolini |
| | Art Unit | 2826 |
| | Examiner Name | |
| | Attorney Docket No. | 856063.729D1 |

| ENCLOSURES (check all that apply) | | |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input checked="" type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund | <input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____ |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
|--|---------------|---------------------------------|
| Individual Name | Hai Han | Customer Number 00500 |
| Signature | | |
| Date | June 18, 2004 | |

| CERTIFICATE OF TRANSMISSION/MAILING | | |
|--|--------------|---------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | |
| Typed or printed name | Jason Anover | |
| Signature | | Date: June 18, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 491493



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June 18, 2004
Date

Jason Añover

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Gianfranco Cerofolini et al.
Application No. : 10/763,626
Filed : January 23, 2004
For : SEMICONDUCTOR INTEGRATED ELECTRONIC
DEVICE AND CORRESPONDING
MANUFACTURING METHOD

Art Unit : 2826
Docket No. : 856063.729D1
Date : June 18, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:


In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached Form PTO-1449. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 10/199,964, filed July 18, 2002. References AA to AE and AQ, listed on the attached Form PTO-1449 were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application. If the Examiner wishes, copies will be provided upon request. However, references AJ to AL, AO and AP, listed on the attached Form PTO-1449 were not submitted to and/or cited by the Patent and

Trademark Office in the prior application and, therefore, are provided in this application. As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



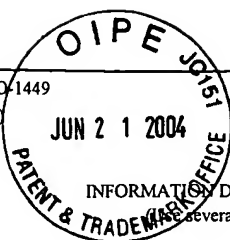
Hai Han
Registration No. 54,150

Enclosures:

Postcard
Form PTO-1449
Cited References (5)

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

856063.729D1

APPLICATION NO.

10/763,626

INFORMATION DISCLOSURE STATEMENT

(See several sheets if necessary).

APPLICANTS

Gianfranco Cerofolini et al.

FILING DATE

January 23, 2004

GROUP ART UNIT

2826

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| | AA | 5,543,356 | 08/06/96 | Murakami et al. | 438 | 548 | |
| | AB | 2002/0130317 | 09/19/02 | Bratkovski et al. | 257 | 40 | |
| | AC | 2002/0149809 | 10/17/02 | Jackson | 359 | 107 | |
| | AD | 2003/0082444 | 05/01/03 | Kuhr et al. | 429 | 149 | |
| | AE | 2003/0111670 | 06/19/03 | Misra et al. | 257 | 200 | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|-----------------|----------|----------------------------|-------------|----|
| | | | | | YES | NO |
| | AJ | WO 00/49643 | 08/24/00 | WIPO | | |
| | AK | 100 13 013 A1 | 10/26/00 | DE (+ Abstract in English) | | |
| | AL | 101 32 640 A1 | 01/23/03 | DE (+ Abstract in English) | | |
| | AM | | | | | |
| | AN | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AO | Ellenbogen, J. et al., "Architectures for Molecular Electronic Computers: 1. Logic Structures and an Adder Designed from Molecular Electronic Diodes," in <i>Proceedings of the IEEE</i> , New York, March 2000, vol. 88, no. 3, pp. 383-426. |
| AP | Gittins, D. et al., "A Nanometre-Scale Electronic Switch Consisting of a Metal Cluster and Redox-Addressable Groups," <i>Nature</i> 408:67-69, November 2000. |
| AQ | Majumder, et al., Materials Translation: Bipyridinium Molecular Switch, 2001, Japan Institute of Metals, 42(11):2276-2278. |

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).